



Figure 6 - Descriptor Posting Message Flows

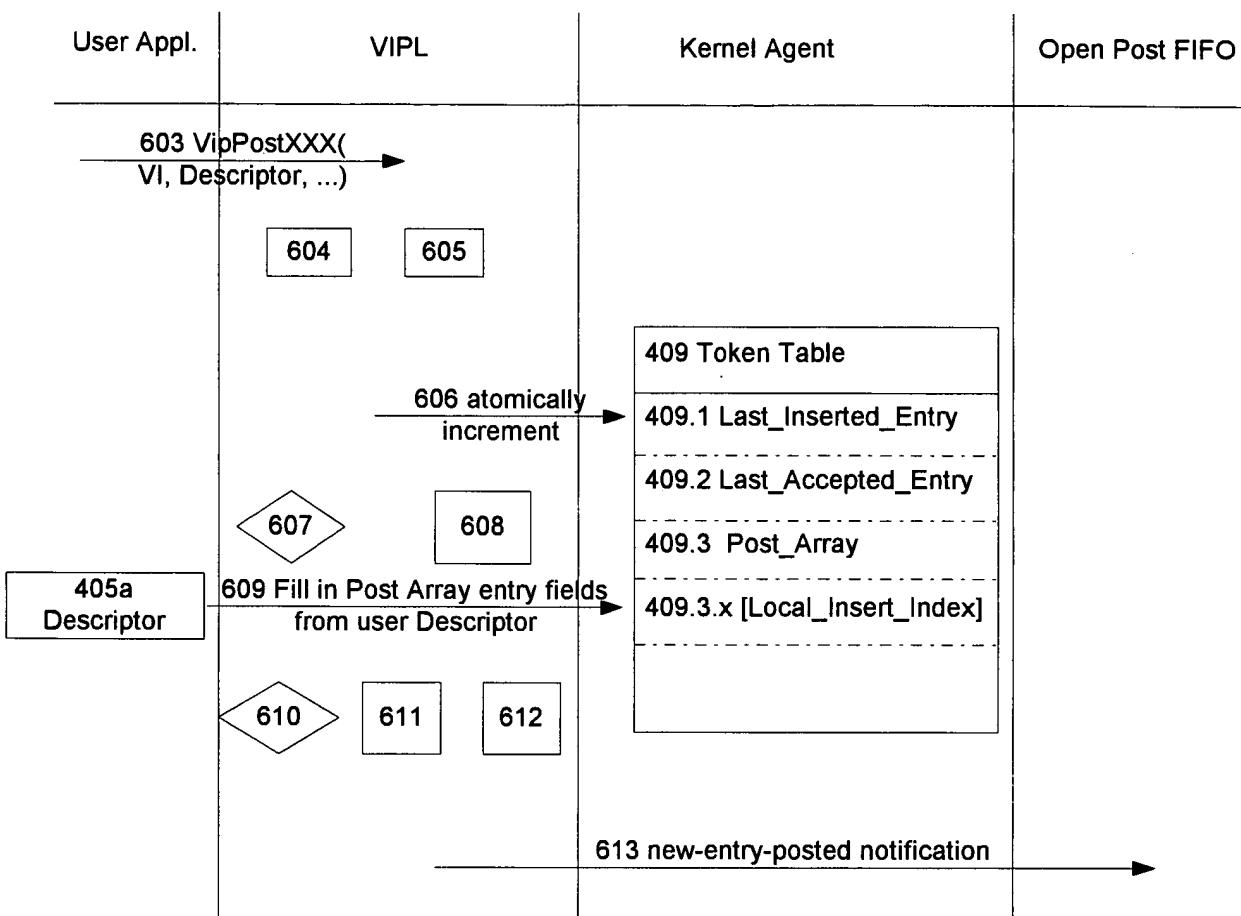


Figure 7- Msg Unit Descriptor Processing Message Flows

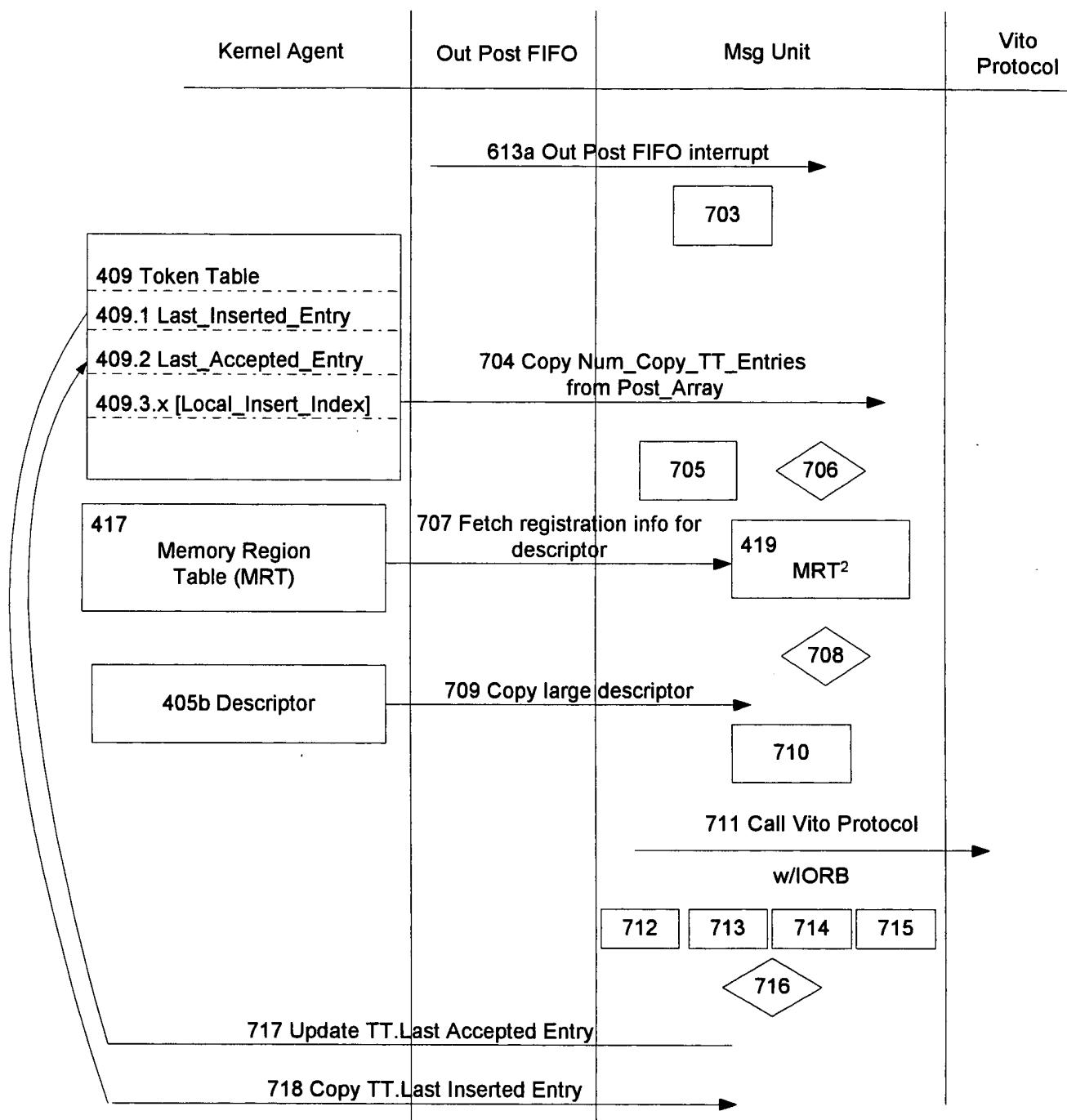


FIGURE 14 – VITO-FC FCP_CMD IU UPDATES

SCSI Fibre Channel Protocol FCP CMD Information Unit

Vto over SCSI Fibre Channel Protocol FCP CMD Information Unit

FCP_LUN		Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
0	First Level LUN	0	Second Level LUN		Remote VI Number		1	VI Number		Remote VI Number	
	Third Level LUN		Fourth Level LUN		Reserved			Reserved		Reserved	
FCP_CNTL		Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
2	Cmd Ref Num	2	Task Codes	Task Mgmt Flags	Exec Mgmt Codes	3	VI Control Segment Flags		VI Operation Type	FCP RW bits	
							Reserved			Reserved	
FCP_CDB		Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
3	1 st Byte of CDB	3					4	RDMA Remote Memory Handle			
4		4					5	Upper RDMA Remote Memory Virtual Address			
5		5					6	Lower RDMA Remote Memory Virtual Address			
FCP_DL		Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
7		7	Data Length				8-n	Data Length			
Additional FCP_CDB		Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
8-n		8-n					9-n				

Figure 15 – Vito-FC RCP_RESP IU Updates

SCSI Fibre Channel Protocol FCP_RESP Information Unit				Vito over SCSI Fibre Channel Protocol FCP_RESP Information Unit			
Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1
0					0		
reserved	1				1		
FCP_STATUS	2	reserved	Validity Flags	SCSI Status Bytes	2	reserved	reserved
FCP_RESID	3				3		
FCP_SNS_LEN	4	(length of PCP_SNS_INFO in bytes)				4	(0=Good FCP_RESP and 8=Bad FCP_RESP)
FCP_RSP_LEN	5	(0, 4 or 8 bytes per FCP)				5	(0=Good FCP_RESP and 8=Bad FCP_Resp)
FCP_RSP_INFO	6	reserved	reserved	RSP_CODE	6	Reserved	reserved
FCP_SNS_INFO	7	reserved	reserved	reserved	7	reserved	reserved
		(variable length as defined by the FCP_SNS_LEN)				8-n	VI Status Code